CONTENTS

Vol. 63, No. 1, December 25, 1955

PAGE

Kutsuzawa, T. Aesculin-fermentative Coliform Bacilli and Diarrhea.... 1

Kurosawa, T. and **Katayama, S.** Interaction of Successive Photic Stimuli in the Human Retina. 9

Horiuchi, T. Experimental Studies on Cardiac Resuscitation. I. Studies on the Restoration of the Heart Rhythm in Ventricular Fibrillation. 19

Horiuchi, T. Experimental Studies on Cardiac Resuscitation. II. Studies on Resuscitation of Cardiac Arrest Caused by Various Conditions. 29

Horiuchi, T. Experimental Studies on Cardiac Resuscitation. III. Studies on Disturbance of Cerebral Function Following Cardiac Arrest. 41

Nakai, S. Studies on a Method of Measuring Specific Gravity of Biological Fluid by Dilution. I. Measurement of Specific Gravity of Blood. 51

Yoshida, H. Electrophoresis of Sera of Breast-fed Infants and Its Relation to Nutritional Dystrophy of Their Mothers. Studies on the Nutrition of Children in Hirosaki Area. (22nd Report). 69

Arakawa, T., Sato, Y., Izurumachi, A. and **Morinaga, C.** Hepatic Enlargement of Children with Nutritional Dystrophy. Studies on the Nutrition of Children in Hirosaki Area (23rd Report). 81

Arakawa, T., Sato, Y. and **Kagaya, A.** Hepatic Enlargement of Breast-fed Infants and Its Relation to Nutritional Dystrophy of Their Mothers. Studies on the Nutrition of Children in Hirosaki Area (24th Report). 87

Sato, Y. Liver Biopsy Findings in Children with Nutritional Dystrophy. Studies on the Nutrition of Children in Hirosaki Area (25th Report)... 93

Hashimoto, T. Protein-Bound Iodine Levels in Children with Nutritional Dystrophy. Studies on the Nutrition of Children in Hirosaki Area (26th Report). 103

Vol. 63, Nos. 2–3, February 25, 1956

Satake, Y. Gennosuke Fuse in Memoriam

Kobayashi, K., Ogata, O. and **Kimura, N.** Histochemical Study on the Liver of Patients with Cancer.... 109

PAGE

Maki, K. Chemical Studies of Carcinoma. XIV. A Toxic Substance Found in Gastric Carcinoma and its Effect on the Excised Frog Heart. 121

Higashi, O., Kagaya, H., Hayashi, T. and **Sutoh, T.** Alkaline Phosphatase in "Congenital Gigantism of Peroxidase Granules".... ... 133

Kurosawa, T. and **Katayama, S.** Retinal Induction in Various Regions of Human Retina. 137

Ohara, I. An Experimental Study to Increase Blood Supply to An Ischemic Myocardium. Part I. Anatomy of Blood Vessels in Canine Heart. 145

Ohara, I. An Experimental Study to Increase Blood Supply to an Ischemic Myocardium. Part II. Surgical Procedures to Produce Collateral Circulation to Canine Heart. 153

Odashima, H. The Effect of Hypotensive Agents on Renal Hemodynamics in Hypertensive Patients. 171

Kobayashi, K. Studies on the Specific Antigens of Human Gastric Cancer. I. 185

Kobayashi, K. Studies on the Specific Antigens of Human Gastric Cancer. II. 191

Kobayashi, K. and **Kawasaki, H.** Studies on the Specific Antigens of Human Gastric Cancer. III. 203

Komiyama, T. Electromyographic Study on Various Brain Diseases Undergoing Operations. 221

Ozaki, T. Activity Ratio of Adrenaline to Noradrenaline in Various Colour Reactions. 225

Ito, I. Histopathologic Studies on Chronic Cystic Mastitis, with Special Reference to Malignant Degeneration. 229

Ozaki, T. Noradrenaline in the Adrenals of Young Dogs. 241

Tanaka, Z. Electrophoretic Study of Cerebrospinal Fluid Protein Components. Part I. Survey in Normal Liquor. 245

Watanabe, K. The Influence of X-Ray on Experimental Pneumoconiosis. I. On the Development of Fibrogic Nodules Produced by Inhalation of Quartz Dust. 251

Tanaka, I. On the Minimum Effective Dose of Noradrenaline for Causing the Increase of the Blood Sugar Content in Non-Anesthetized Dogs. 259

Umehara, Y. Experimental Studies on Intermediate Metabolism in the Kidney in Hypertension. 265

Miura, M. On Epinephrine Test in Skin Diseases. I. 277

Miura, M. On Epinephrine Test in Skin Diseases. II. 289

PAGE

Hamada, Y. Plasma Prothrombin Time in Skin Diseases. I. Whole and 12.5% Plasma Prothrombin Time in Skin Diseases. 297

Vol. 63, No. 4, April 25, 1956

Hamada, Y. Plasma Prothrombin Time in Skin Diseases. II. Clinical Investigation on Plasma Prothrombin Time.... 305

Musha, D. Studies on Body Water in Man. I. Total Body Water in Normal Subjects and Edematous Patients. 309

Matsuda, K., Hoshi, T. and **Kameyama, S.** Muscle Membrane Potential of the Free Wall of Dog's Ventricle 318

Musha, D. Studies on Body Water in Man. II. Body Water Compartments in Normal Subjects and Edematous Patients. 319

Oike, Y., Kobori, T., Fujiki, K., Umemura, Y., Fujita, H., Abo, J., Takase, T., Yakuwa, E., Nomiya, Y. and **Takamatsu, I.** Inunction Method of BCG Vaccination, an Observation on the Schoolchildren applied with Lanoline-Silica Sand-Pilocarpine-BCG or Unguent Hydrophil-Silica Sand-Pilocarpine-BCG Vaccine. 329

Matsuda, K., Hoshi, T. and **Kameyama, S.** Recovery of Membrane Potential of Dog's Ventricle after a Long Exposure to Low Temperatures, a Preliminary Communication. 334

Akama, Z. Chemistry and Biology of Lipids. XXI. On Group Lipids from Lungs of Group A and O Persons. 335

Masamune, H. and **Sakamoto, M.** Biochemical Studies on Carbohydrates. CLXXIX. Spectrophotometric Determination of Hexoses by the Aid of Thionalide.... 345

Masamune, H. and **Sakamoto, M.** Biochemical Studies on Carbohydrates. CLXXX. Spectrophotometric Determination of Pentoses in Sugar Mixtures and Polysaccharides.... 357

Masamune, H. and **Sakamoto, M.** Biochemical Studies on Carbohydrates. CLXXXI. Spectrophotometric Determination of Methylpentoses in Sugar Mixtures and Polysaccharides. 363

Masamune, H. and **Kawasaki, H.** Biochemical Studies on Carbohydrates. CLXXXII. Chemical Nature of KIK Factors. First Report: KIK Factors in Cancerous Gastric Juice. 369

Shigiya, R. and **Ozawa, Y.** The Influence of Internally Used Sodium Thiosulphate upon the Oxygen Equilibrium of Hemoglobin. 383

Suzuki, E. and **Ooba, Y.** Critical Fusion Frequency of Flicker and the Electrical Excitability of the Retina. 389